AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph on page 63 with the heading **Example** as follows:

EC-SOD expression plasmid

A rabbit lung cDNA library (Clontech # TL1010a) was screened by plaque hybridization using a partial rabbit *EC-SOD* cDNA (genbank X78139; *EC-SOD* encoding bases 126-465) as a probe (Hiltunen et al., 1995, Hiltunen, T., Luoma, J., Nikkari, T., and Ylä-Herttuala, S.: Induction of 15-lipoxygenase mRNA and protein in early atherosclerotic lesions. *Circulation* 92 (1995) 3297-3303). Positive clones were purified by a standard method (Ausubel, F.M., Brent, R., Kingston, R.E., Moore, D.D., Seidman, J.G., Smith, A.J. and Struhl, K. (eds.): *Current protocols in molecular biology*. John Wiley & Sons, Inc., USA, 1995) and were found to contain the 3' regions of the *EC-SOD* cDNA. T he 5' end of the coding sequence was amplified from rabbit genomic DNA by PCR using primers (SEQ ID NOS.:1&2) specific to *EC-SOD* gene (genbank AJ007044); 5'-GAT GCT GGC GTT GGT GTG CTC-3' / 5'-GCA CGG CCA GCG GGT TGT AGT-3'. The 5' and 3' fragments of the cDNA were subsequently ligated to produce the entire open reading frame of *EC-SOD* gene which was further subcloned into pHHT631 expression vector (Mizushima, S. and Nagata, S.: pEF-BOS, a powerful mammalian expression vector. *Nucleic. Acids Res.* 18 (1990) 5322) under elongation factor 1α promoter (pEC-SOD1α). DNA sequencing was done using ALF automated DNA sequencer (Pharmacia), and the sequence analyses were performed with the GCG program package (Devereux, J., Haeberli, P. and Smithies, O.: A comprehensive set of sequence analysis programs for the VAX. *Nucleic. Acids. Res.* 12 (1984) 387-395). The expression cassette of

pEC-SOD 1α was further cloned into an adenovirus vector (AdBglII) for adenovirus construction as described previously (Kozarsky, K.F. and Wilson, J.M.: Gene therapy: adenovirus vectors. *Curr. Opin. Genet. Dev.* 3 (1993) 499-503.

Please amend the paragraph on page 64 with the heading *RT-PCR analysis* as follows:

RT-PCR analysis

The expression of EC-SOD messenger RNA was studied using Enhanced avian RT-PCR kit (Sigma). Total RNA for the analysis was isolated using Trizol reagent (Gibco (BRL), and contaminating DNA was removed by incubating RNA prep 15 minutes at 37°C with DNAse (Promega). The reactions were as follows RT; 80 °C for 10 minutes, 25 °C for 15 minutes, and 60 °C for 50 minutes. 10 µl aliquots were used for following PCR reaction with primers (SEQ ID NOS.: 3&4) 5'-GGATGTTGCAAGTGACCAGGC-3' and B 5'-GCACGGCCAG-CGGGTTGT-AGT-3'. Reaction cycle was started with a 5 minute denaturation step at 96 °C followed by 29 additional cycles; 96 °C for 1 minute, 60 °C for 1 minute, and 70 °C for 1 minute. The reaction was finished by 10 minutes incubation at 72 °C.